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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

February 26, 2013

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Wayne Penick
Manager, Safety and Health
DPC Industries, Inc. P.O. Box 24600
Houston, TX 77229

Subject: Dixichlor Max
EPA Reg #: 813-15
Notification Date: January 31, 2013
Receipt Date: February 5, 2013

Dear Mr. Penick:

This acknowledges the receipt of your notification, submitted under the provision of PR Notice 98-10 and FIFRA section 3(c)7(a).

Proposed Notification:

Update Storage and Disposal statement per PR Notice 2007-4 regarding cleaning containers of less than 5 gallons for Dixichlor Max (EPA Reg# 813-15).

General Comment:

Based on the review of the material submitted, this notification for additional statement is acceptable.

This notification and a copy of this letter have been inserted in your file for future reference.

If you have any questions on this letter, please contact David Liem at 703-305-1284 or by email at liem.david@epa.gov

Sincerely

Monisha Harris
Product Manager (32)
Regulatory Management Branch II
Antimicrobials Division (7510P)

DIXICHLOR MAX

Directions for Use

Sodium Hypochlorite

Manufactured by
DPC Industries, Inc.
DPC Enterprises, LP
DXI Industries, Inc.

NOTIFICATION
Date Reviewed: 4-26-13
Reviewed By: D. Liem

1919 Jacintoport Blvd
PO Box 24600
Houston, TX 77229
(281) 457-488

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT
IN A MANNER INCONSISTENT WITH IT'S LABELING.

DIXICHLOR	EPA Reg. No. 813-15
ACTIVE INGREDIENT:	
Sodium Hypochlorite	12.5%
OTHER INGREDIENT	87.5%
TOTAL	100.0%
Total available chlorine.....	12.0%

1. Precautionary Statements

KEEP OUT OF REACH OF CHILDREN

DANGER

NOTIFICATION
Date Reviewed: 2/26/13
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FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment or advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
NOTE TO PHYSICIAN	
Probable mucosal damage may contraindicate the use of gastric lavage.	
FOR 24 HOUR EMERGENCY INFORMATION	
CALL CHEMTREC: 1 (800) 424-9300	

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. May cause severe skin irritation or chemical burns to broken skin. Causes eye damage. Do not get in eyes, on skin or on clothing. Wear safety glasses, goggles or face shield and rubber gloves (PVC or Nitrile) when handling this product. Wash with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible. Do not return until odors have dissipated.

(If the container is 5 gallons or larger the following Environmental Hazards statement will be used.)

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, estuaries, oceans, or other waters unless in accordance with the requirements of the National Pollutant Discharge Elimination Systems (NPDES) permit and the Permitting Authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

PHYSICAL AND CHEMICAL HAZARDS: STRONG OXIDIZING AGENT: Mix only with water according to label directions. Mixing this product with gross filth such as feces, urine, etc. or with ammonia, acids, detergents or other chemicals will release hazardous gases irritating to eyes, lungs and mucous membranes.

IMPORTANT! ALL SANITIZING APPLICATIONS

FOR ALL FOOD CONTACT SURFACES AND OBJECTS - Remove food particles by flushing, scraping and, when necessary, soaking. Wash thoroughly with a good detergent or compatible cleaner and rinse with potable water before application of SODIUM HYPOCHLORITE solution. Wet all surfaces thoroughly with 12.5% DIXICHLOR MAX (EPA reg # 813-15) solution by immersion flooding or spraying. Contact time must be at least 2 minutes. Drain solution and air dry. Do not wash with potable water after sanitizing. 12.5% DIXICHLOR MAX (EPA reg # 813-15) solutions must not be re-used for sanitizing purposes. Prepare a fresh solution daily if the old solution becomes diluted or soiled.

2. Dilution Conversion Chart

The DILUTION CONVERSION CHART provided below covers the 12.5% DIXICHLOR MAX (EPA reg # 813-15) Sodium Hypochlorite Products. It is designed to serve as a guide and may not cover all PPM ranges or dilution as required to satisfy a particular use or need.

Desired Strength Avail. Chlorine (by Weight)	Gallons Water	Liquid Oz. 12.5% Sodium Hypochlorite	Desired Strength Avail. Chlorine (by Weight)	Gallons Water	Liquid Oz. 12.5% Sodium Hypochlorite
5 PPM	100	.5	200 PPM	10	2.0
10 PPM	100	1.0	500 PPM	10	5.0
15 PPM	100	1.5	600 PPM	10	6.0
25 PPM	100	2.5	1000 PPM	10	10.5
35 PPM	100	3.5	5000 PPM	10	51.0
50 PPM	100	5.0	10000 PPM	10	102.0
100 PPM	10	1.0			

Should other available chlorine strengths or dilution volumes be desired, the following formula must be used to adjust the dosages:

$$\text{Ounce of Product} = \frac{(\text{PPM avail. Cl}_2) (\text{Gal. Water}) (128)}{(\% \text{ Active Ingredient}) (10,000)}$$

Formula Definition:

- Ounce of Product = Ounces of DIXICHLOR Product to Use
- PPM Available Cl₂ = What is Required
- Dilution Gallons Water = You Specify Quantity
- 128 oz./gal. = Constant 128
- (%) Percent Active Ingredient = Sodium Hypochlorite Strength
- 10,000 = Constant

3. AGRICULTURAL USES

A. Post-Harvest Protection

Potatoes can be sanitized after cleaning and prior to storage by spraying with a 500 ppm available chlorine sanitizing solution at a level of 1 gallon of sanitizing solution per ton of potatoes.

Disinfect leaf cutting bee cells and bee boards by immersion in a solution containing 1 ppm available chlorine for 3 minutes. Allow cells to drain for 2 minutes and dry for 4 to 5 hours or until no chlorine odor can be detected. The bee domicile is disinfected by spraying with a 0.1 ppm solution until all surfaces are thoroughly wet. Allow the domicile to dry until all chlorine odor has dissipated.

B. Food Egg Sanitization

Thoroughly clean all eggs. Thoroughly mix 12.5% DIXICHLOR MAX (EPA reg # 813-15) product with 10 gallons of warm water to produce a 200 ppm available chlorine solution. The sanitizer temperature must not exceed 130°F. Spray the warm sanitizer so that the eggs are thoroughly wetted. Allow the eggs to thoroughly dry before casing or breaking. Do not apply a potable water rinse. The solution must not be reused to sanitize eggs.

C. Fruit and Vegetable Washing

Thoroughly clean all fruits and vegetables in a wash tank. Thoroughly mix 12.5% DIXICHLOR MAX (EPA reg # 813-15) in water to make a sanitizing solution of 25 ppm available chlorine. After draining the tank, submerge fruit or vegetables for 2 minutes in a second wash tank containing the recirculating sanitizing solution. Spray rinse vegetables with the sanitizing solution prior to packaging. Rinse fruit with potable water only prior to packaging.

D. Meat and Poultry Plants

Chlorine may be present in processing water of meat and poultry plants at concentrations up to 2 parts per million (ppm) calculated as available chlorine. Also, chlorine may be present in poultry chiller intake water, and in carcass wash water at concentrations up to 50 ppm available chlorine. Chlorine must be dispensed at a constant and uniform level and the dispensing method or system must be such that a controlled rate is maintained. Thoroughly mix 1.5 oz. of this product in 200 gallons of water to make a sanitizing solutions of 5 ppm available chlorine or 15 oz in 200 gallons of water for 50 ppm available chlorine.

4. ARTIFICIAL SAND BEACHES

To sanitize sand, spray a 500 ppm available chlorine solution at frequent intervals. Small areas can be sprinkled with a watering can.

5. ASPHALT OR SEALED WOOD ROOFS AND SIDINGS

To control fungus and mildew, first remove all physical soil by brushing and hosing with clean water. Apply a 5000 ppm available chlorine solution by brushing or spraying roof or siding. After 30 minutes, rinse by hosing with clean water.

6. AQUACULTURAL USES

A. Fish Ponds

Remove fish from ponds prior to treatment. Add appropriate amount of 12.5% DIXICHLOR MAX (EPA reg # 813-15) to 10,000 gallons of water to obtain 10 ppm available chlorine. Add more 12.5% DIXICHLOR MAX (EPA reg # 813-15) to the water if the available chlorine level is below 1 ppm after 5 minutes. Return fish to pond after the available chlorine level reaches 0 ppm.

B. Fish Pond Equipment

Thoroughly clean all equipment prior to treatment. Thoroughly mix 12.5% DIXICHLOR MAX (EPA reg # 813-15) with 10 gallons of water to obtain 200 ppm available chlorine. Porous equipment must soak for one hour.

C. Main Lobster Ponds

Remove lobsters, seaweed, etc. from ponds prior to treatment. Drain the pond. Thoroughly mix 12.5% DIXICHLOR MAX (EPA reg # 813-15) to 10,000 gallons of water to obtain at least 600 ppm available chlorine. Apply so that all barrows, gates, rocks and dams are treated with product. Permit high tide to fill the pond and then close gates. Allow water to stand for 2 to 3 days until the available chlorine level reaches 0 ppm. Open gates and allow 2 tidal cycles to flush the pond before returning lobsters to pond.

D. Conditioning Live Oysters

Thoroughly mix 12.5% DIXICHLOR MAX (EPA reg # 813-15) to 10,000 gallons of water at 50 to 70°F to obtain 0.5 ppm available chlorine. Expose oysters to this solution for at least 15 minutes, monitoring the available chlorine level so that it does not fall below 0.05 ppm. Repeat entire process if the available chlorine level drops below 0.05 ppm or the temperature falls below 50°F.

E. Control of Scavengers in Fish Hatchery Ponds

Prepare a solution containing 200 ppm of available chlorine by mixing 12.5% DIXICHLOR MAX (EPA reg # 813-15) with 10 gallons of water. Pour into drained pond potholes. Repeat if necessary. Do not put desirable fish back into refilled ponds until chlorine residual has dropped to 0 ppm, as determined by a test kit.

7. BOAT BOTTOMS

To control slime on boat bottoms, sling a plastic tarp under boat, retaining enough water to cover the fouled bottom area, but not allowing water to enter enclosed area. This envelope must contain approximately 500 gallons of water for a 14 foot boat. Add 12.5% DIXICHLOR MAX (EPA reg # 813-15) to this water to obtain a 35 ppm available chlorine concentration. Leave immersed for 8 to 12 hours. Repeat if necessary. Do not discharge the solution until the free chlorine level has dropped to 0 ppm, as determined by a swimming pool test kit.

8. COOLING TOWER / EVAPORATIVE CONDENSER WATER

A. Slug Feed Method

INITIAL DOSE: When system is noticeably fouled, add appropriate amount of 12.5% DIXICHLOR MAX (EPA reg # 813-15) per 10,000 gallons of water in the system to obtain from 5 to 10 ppm available chlorine. Repeat until control is achieved.
SUBSEQUENT DOSE: When microbial control is evident, add appropriate amount of 12.5% DIXICHLOR MAX (EPA reg # 813-15) per 10,000 gallons of water in the system daily, or as needed to maintain control and keep the chlorine residual at 1 ppm. Badly fouled systems must be cleaned before treatment is begun.

B. Intermittent Feed Method

INITIAL DOSE: When system is noticeably fouled, add appropriate amount of 12.5% DIXICHLOR MAX (EPA reg # 813-15) per 10,000 gallons of water in the system to obtain 5 to 10 ppm available chlorine. Apply half (or 1/3, 1/4, or 1/5) of this initial dose when half (or 1/3, 1/4, or 1/5) of the water in the system has been lost by blowdown.
SUBSEQUENT DOSE: When microbial control is evident, add appropriate amount of 12.5% DIXICHLOR MAX (EPA reg # 813-15) per 10,000 gallons of water in the system to obtain a 1 ppm residual. Apply half (or 1/3, 1/4, or 1/5) of this initial dose

when half (or 1/3, 1/4, 1/5) of the water in the system has been lost by blowdown. Badly fouled systems must be cleaned before treatment is begun.

C. Continuous Feed Method

INITIAL DOSE: When system is noticeably fouled, add appropriate amount of 12.5% DIXICHLOR MAX (EPA reg # 813-15) per 10,000 gallons in the system to obtain 5 to 10 ppm available chlorine.

SUBSEQUENT DOSE: Maintain this treatment level by starting a continuous feed of 1 oz. of 12.5% DIXICHLOR MAX (EPA reg # 813-15) per 1,000 gallons water lost by blowdown to maintain a 1.0 ppm residual. Badly fouled systems must be cleaned before treatment is begun.

D. Cooling Tower / Evaporative Condenser Water Treatment Chart

Method	Ounce 12.5% DIXICHLOR MAX (EPA reg # 813-15) / 10,000 Gallons Water
Slug Feed To obtain 5-10 PPM	52-104
Subsequent Dose Maintain 1 ppm residual	11
Intermittent Feed To obtain 5-10 PPM	52-104
Subsequent Dose Maintain 1 ppm residual	11
Continuous Feed To obtain 5-10 PPM	52-104
Subsequent Dose* Maintain 1 ppm residual	1

9. EMERGENCY DISINFECTION AFTER DROUGHTS

A. Supplementary Water Supplies

Gravity or mechanical sodium hypochlorite feeders must be set up on a supplementary line to dose the water to a minimum chlorine residual of 0.2 ppm after a 20 minute contact time. Use a chlorine test kit.

B. Water Shipped in By Tanks, Tank Cars, Trucks, Etc.

Thoroughly clean all containers and equipment. Spray a 50 ppm available chlorine solution and rinse with potable water after 5 minutes. During the filling of the containers, dose with sufficient amounts of 12.5% DIXICHLOR MAX (EPA reg # 813-15) to provide at least a 0.2 ppm chlorine residual. Use a chlorine test kit.

10. EMERGENCY DISINFECTION AFTER FIRES

Cross Connections or Emergency Connections

Hypochlorination or gravity feed equipment must be set up near the intake of the untreated water supply. Apply sufficient product to give a chlorine residual of at least 0.1 to 0.2 ppm at the point where the untreated supply enters the regular distribution system. Use a chlorine test kit.

11. EMERGENCY DISINFECTION AFTER FLOODS

A. Wells

Thoroughly flush contaminated casing with a 500 ppm available chlorine solution. Backwash the well to increase yield and reduce turbidity, adding sufficient chlorinating solution to the backwash to produce a 10 ppm available chlorine residual, as determined by a chlorine test kit. After the turbidity has been reduced and the casing has been treated, add sufficient chlorinating solution to produce a 50 ppm available chlorine residual. Agitate the well water for several hours and take a representative water sample. Retreat well if water samples are biologically unacceptable.

B. Reservoirs

In case of contamination by overflowing streams, establish hypochlorinating stations upstream of the reservoir. Chlorinate the inlet water until the entire reservoir obtains a 0.2 ppm available chlorine residual, as determined by a suitable chlorine test kit. In case of contamination from surface drainage, apply sufficient product directly to the reservoir to obtain a 0.2 ppm available chlorine residual in all parts of the reservoir.

C. Basins, Tanks, Flumes, Etc.

Thoroughly clean all equipment, then add 30 oz. of 12.5% DIXICHLOR MAX (EPA reg # 813-15) to 5 cu ft. of water to obtain 500 ppm available chlorine, as determined by a suitable test kit. After 24 hours drain, flush, and return to service. If the previous method is not suitable, spray or flush the equipment with a solution containing 1000 ppm available chlorine. Allow to stand for 2 to 4 hours, flush and return to service.

D. Filters

When the sand filter needs replacement, apply 104 oz. of 12.5% DIXICHLOR MAX (EPA reg # 813-15) for each 150 to 200 cubic feet of sand. When the filter is severely contaminated, additional product must be distributed over the surface at the rate of 104 oz. per 20 sq. ft. Water must stand at a depth of 1 foot above the surface of the filter bed for 4 to 24 hours. When filter beds can be backwashed of mud and silt, apply 104 oz. of 12.5% DIXICHLOR MAX per each 50 sq. ft., allowing the water to stand at a depth of 1 foot above the filter sand. After 30 minutes, drain water to the level of the filter. After 4 to 6 hours, drain and proceed with normal backwashing.

E. Distribution System

Flush repaired or replaced section with water. Establish a hypochlorinating station and apply sufficient product until a consistent available chlorine residual of at least 10 ppm remains after a 24 hour retention time. Use a chlorine test kit.

12. EMERGENCY DISINFECTION AFTER MAIN BREAKS

Mains

Before assembly of the repaired section, flush out mud and soil. Permit a water flow of at least 2.5 feet per minute to continue under pressure while injecting this product by means of a hypochlorinator. Stop water flow when a chlorine residual test of 50 ppm is obtained at the low pressure end of the new main section after a 24 hour retention time. When chlorination is completed, the system must be flushed free of all heavily chlorinated water.

13. DISINFECTION OF DRINKING WATER (POTABLE)

(Public/Individual/Emergency Systems)

A. Public System

Mix a ratio of 1 oz 12.5% DIXICHLOR MAX (EPA reg # 813-15) to 100 gallons of water to produce a 10 ppm available chlorine by weight. Begin feeding this solution with a hypochlorinator until a free available chlorine residual of at least 0.2 ppm and no more than 0.6 ppm is attained throughout the distribution system. Check water frequently with a chlorine test kit. Bacteriological sampling must be conducted at a frequency no less than that prescribed by the National Primary Drinking Water Regulations. Contact your local Health Department for further details.

B. Individual Systems

DUG WELLS: Upon completion of the casing (lining), wash the interior of the casing (lining) with a 100 ppm available chlorine solution using a stiff brush. After covering the well, pour the sanitizing solution into the well through both the pipesleeve opening and the pipeline. Wash the exterior of the pump cylinder also with the sanitizing solution. Start pump water until strong odor of chlorine in water is noted. Stop pump and wait at least 24 hours. After 24 hours flush well until all traces of chlorine have been removed from the water. Consult your local Health Department for further details.

C. Individual Water Systems

1. **DRILLED, DRIVEN AND BORED WELLS:** Run pump until water is as free from turbidity as possible. Pour a 100 ppm available chlorine sanitizing solution into the well. Add 5 to 10 gallons of clean, chlorinated water to the well in order to force the sanitizer into the rock formation. Wash the exterior of pump cylinder with the sanitizer. Drop pipeline into well, start pump and pump water until strong odor of chlorine in water is noted. Stop pump and wait at least 24 hours. After 24 hours flush well until all traces of chlorine have been removed from the water. Deep wells with high water levels may necessitate the use of special methods for introduction of the sanitizer into the well. Consult your local Health Department for further details.
2. **FLOWING ARTESIAN WELLS:** Artesian wells generally do not require disinfection. If analysis indicate persistent contamination, the well must be disinfected. Consult your local Health Department for further details.

D. Emergency Disinfection

When boiling of water for 1 minute is not practical, water can be made potable by using this product. Prior to addition of the sanitizer, remove all suspended material by filtration or by allowing it to settle to the bottom. Decant the clarified contaminated water to a clean container and add 1 to 3 drops, (dependent on product strength) to 20 gallons of water. Allow the treated water to stand for 30 minutes. Properly treated water must have a slight chlorine odor. If not, repeat dosage and allow the water to stand an additional 15 minutes. The treated water can then be made palatable by pouring it between clean containers for several times.

E. Meat and Poultry Plant Treatment

For the treatment of drinking water and water which may be incorporated into food products or directly contact food, use the following concentrations. Chlorine may be present in the process water of meat plants at concentrations of up to 5 ppm. Chlorine may be present in the process water of poultry plants at levels up to 20 ppm. Levels are calculated in ppm of available chlorine. Use dilution conversion chart to calculate the proper ratio of sodium hypochlorite solution to water. 12.5% DIXICHLOR MAX (EPA reg # 813-15) must be dispensed at a constant and uniform level to ensure that a controlled rate is maintained.

14. PUBLIC WATER SYSTEM

A. Reservoirs — Algae Control

Hypochlorinate streams feeding the reservoir. Suitable feeding points must be selected on each stream at least 50 yards upstream from the points of entry into the reservoir.

B. Mains

Thoroughly flush section to be sanitized by discharging from hydrants. Permit a water flow of at least 2.5 feet per minute to continue under pressure while injecting this product by means of a hypochlorinator. Stop water flow when a chlorine residual test of 50 ppm is obtained at the low pressure end of the new main section after a 24 hour retention time. When chlorination is completed, the system must be flushed free of all heavily chlorinated water.

C. New Tanks, Basins, Etc.

Remove all physical soil from surfaces. Place 20 oz. of 12.5% DIXICHLOR MAX (EPA reg # 813-15) for each 5 cubic feet of working capacity (500 ppm available chlorine). Fill to working capacity and allow to stand for at least 4 hours. Drain and flush with potable water and return to surface.

D. New Filter Sand

Apply 104 oz. of 12.5% DIXICHLOR MAX (EPA reg # 813-15) for each 150 to 200 cubic feet of sand. The action of the product dissolving as the water passes through the bed will aid in sanitizing the new sand.

E. New Wells

Flush the casing with a 80 ppm available chlorine solution. The solution must be pumped or fed by gravity into the well after thorough mixing with agitation. The well must stand for several hours or overnight under chlorination. It may then be pumped

until a representative water sample is obtained. Bacterial examination of the water will indicate whether further treatment is necessary.

F. Existing Equipment

Remove equipment from service, thoroughly clean surfaces of all physical soil. Sanitize by placing 21 oz. of this product for each 5 cubic feet capacity (approximately 500 ppm available chlorine). Fill to working capacity and let stand at least 4 hours. Drain and place in service. If the previous treatment is not practical, surfaces may be sprayed with a 1000 ppm available chlorine solution. After drying, flush with water and return to service.

15. FARM PREMISES

Remove all animals, poultry, and feed from premises, vehicles, and enclosures. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities occupied or traversed by animals or poultry. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. To disinfect, saturate all surfaces with a solution of at least 1000 ppm available chlorine for a period of 10 minutes. Immerse all halter, ropes, and other types of equipment used in handling and restraining animals and poultry, as well as the cleaned forks, shovels, and scrapers used for removing litter and manure. Ventilate buildings, cars, boats and other closed spaces. Do not house livestock or poultry or employ equipment until chlorine has been dissipated. All treated feed racks, mangers, troughs, automatic feeders, fountains and waterers must be rinsed with potable water before reuse.

16. LAUNDRY SANITIZERS

A. Household Laundry Sanitizers

1. IN SOAKING SUDS: Thoroughly mix 12.5% DIXICHLOR MAX (EPA reg # 813-15) in wash water to provide 200 ppm available chlorine. Wait 5 minutes, then add soap or detergent. Immerse laundry for at least 11 minutes prior to starting the wash/rinse cycle.
2. IN WASHING SUDS: Thoroughly mix 12.5% DIXICHLOR MAX (EPA reg # 813-15) in wash water containing clothes to provide 200 ppm available chlorine. Wait 5 minutes, then add soap or detergent and start the wash/rinse cycle.

B. Commercial Laundry Sanitizers

Wet fabrics or clothes must be spun dry prior to sanitization. Thoroughly mix 12.5% DIXICHLOR MAX (EPA reg # 813-15) with water to yield 200 ppm available chlorine. Promptly after mixing the sanitizer, add the solution into the prewash cycle prior to washing fabrics/clothes in the regular wash cycle with a good detergent. Test the level of available chlorine, if solution has been allowed to stand. Add more 12.5% DIXICHLOR MAX (EPA reg # 813-15) if the available chlorine level has dropped below 200 ppm.

17. PULP AND PAPER MILL PROCESS WATER SYSTEMS

A. Slug Feed Method

INITIAL DOSE: When system is noticeably fouled, add appropriate amount of 12.5% DIXICHLOR MAX (EPA reg # 813-15) per 10,000 gallons of water in the system to obtain from 5 to 10 ppm available chlorine. Repeat until control is achieved.
SUBSEQUENT DOSE: When microbial control is evident, add appropriate amount of 12.5% DIXICHLOR MAX (EPA reg # 813-15) per 10,000 gallons of water in the system daily, or as needed, to maintain control and keep the chlorinated residual at 1 ppm. Badly fouled systems must be cleaned before treatment is begun.

B. Intermittent Feed Method

INITIAL DOSE: When system is noticeably fouled, add appropriate amount of 12.5% DIXICHLOR MAX (EPA reg # 813-15) per 10,000 gallons of water in the system to obtain 5 to 10 ppm available chlorine. Apply half (or 1/3, 1/4, or 1/5) of this initial dose when half (or 1/3, 1/4, or 1/5) of the water in the system has been lost by blowdown.
SUBSEQUENT DOSE: When microbial control is evident, add appropriate amount of 12.5% DIXICHLOR MAX (EPA reg # 813-15) per 10,000 gallons of water in the

system to obtain a 1 ppm residual. Apply half (or 1/3, 1/4, or 1/5) of the initial dose when half (or 1/3, 1/4, or 1/5) of the water in the system has been lost by blowdown. Badly fouled systems must be cleaned before treatment is begun.

C. Continuous Feed Method

INITIAL DOSE: When system is noticeably fouled, add appropriate amount of 12.5% DIXICHLOR MAX (EPA reg # 813-15) per 10,000 gallons of water in the system to obtain 5 to 10 ppm available chlorine.

SUBSEQUENT DOSE: Maintain this treatment level by starting a continuous feed of 1 oz. of 12.5% DIXICHLOR MAX (EPA reg # 813-15) per 1,000 gallons of water lost by blowdown to maintain a 1 ppm residual. Badly fouled systems must be cleaned before treatment is begun.

D. Pulp and Paper Mill Process Water Systems Treatment Chart

Method	12.5% DIXICHLOR MAX (EPA reg # 813-15) /10,000 Gallons Water
Slug Feed To obtain 5-10 PPM	52-104
Subsequent Dose Maintain 1 ppm residual	11
Intermittent Feed To obtain 5-10 ppm	52-104
Subsequent Dose Maintain 1 ppm residual	11
Continuous Feed To obtain 5-10 ppm	52-104
Subsequent Dose Maintain 1 ppm residual	1

18. SANITIZATION OF NONPOROUS FOOD CONTACT SURFACES

A. Rinse Method

A solution of 100 ppm available chlorine may be used in the sanitizing solution if a chlorine test kit is available. Solutions containing an initial concentration of 100 ppm available chlorine must be tested and adjusted periodically to ensure that the available chlorine does not drop below 50 ppm. Prepare a 100 ppm sanitizing solution by thoroughly mixing required quantity of 12.5% DIXICHLOR MAX (EPA reg # 813-15) with 10 gallons of water. If no test kit is available, prepare a sanitizing solution to provide approximately 200 ppm available chlorine by weight.

Clean equipment surfaces in the normal manner. Prior to use, rinse all surfaces thoroughly with the sanitizing solution, maintaining contact with the sanitizer for at least 2 minutes. If solution contains less than 50 ppm available chlorine as determined by a suitable test kit, either discard the solution or add sufficient product to reestablish a 200 ppm residual. Do not rinse equipment with water after treatment and do not soak equipment overnight.

Sanitizers used in automated systems may be used for general cleaning but may not be reused for sanitizing purposes.

B. Immersion Method

A solution of 100 ppm available chlorine may be used in the sanitizing solution if a chlorine test kit is available. Solutions containing an initial concentration of 100 ppm available chlorine must be tested and adjusted periodically to ensure that the available chlorine does not drop below 50 ppm. If no test kit is available, prepare a sanitizing solution to provide approximately 200 ppm available chlorine by weight.

Clean equipment in the normal manner. Prior to use, immerse equipment in the sanitizing solution for at least 2 minutes and allow the sanitizer to drain. If solution contains less than 50 ppm available chlorine, as determined by a suitable test kit, either discard the solution or add sufficient product to reestablish a 200 ppm residual. Do not rinse equipment with water after treatment.

Sanitizers used in automatic systems may be used for general cleaning but may not be reused for sanitizing purposes.

C. Flow/Pressure Method

Disassemble equipment and thoroughly clean after use. Assemble equipment in operating position prior to use. Prepare a volume of a 200 ppm available chlorine

sanitizing solution equal to 110% of volume capacity of the equipment. Pump solution through the system until full flow is obtained at all extremities, the system is completely filled with the sanitizer and all air is removed from the system. Close drain valves and hold under pressure for at least 2 minutes to ensure contact with all internal surfaces. Remove some cleaning solution from drain valve and test with a chlorine test kit. Repeat entire cleaning/sanitizing process if effluent contains less than 50 ppm available chlorine.

D. Clean-in Place Method

Thoroughly clean equipment after use. Prepare a volume of a 200 ppm available chlorine sanitizing solution equal to 110% of volume capacity of the equipment. Pump solution through the system until full flow is obtained at all extremities, the system is completely filled with the sanitizer and all air is removed from the system. Close drain valves and hold under pressure for at least 10 minutes to ensure contact with all internal surfaces. Remove some cleaning solution from drain valve and test with a chlorine test kit. Repeat entire cleaning/sanitizing process if effluent contains less than 50 ppm available chlorine.

E. Spray/Fog Method

Preclean all surfaces after use. Use a 200 ppm available chlorine solution to control bacteria, mold or fungi and a 600 ppm solution to control bacteriophage. Use spray or fogging equipment which can resist sodium hypochlorite solutions. Always empty and rinse spray/fog equipment with potable water after use. Thoroughly spray or fog all surfaces until wet, allowing excess sanitizer to drain. Vacate area for at least 2 hours. Prior to using equipment, rinse all surfaces treated with a 600 ppm solution with a 200 ppm solution.

19. SANITIZATION OF POROUS FOOD CONTACT SURFACES

A. Rinse Method

Clean surfaces in the normal manner. Rinse all surfaces thoroughly with the 600 ppm solution, maintaining contact for at least 2 minutes. Prior to using equipment, rinse all surfaces with a 200 ppm available chlorine solution. Do not rinse and do not soak equipment overnight.

B. Immersion Method

Clean equipment in the normal manner. Immerse equipment in the 600 ppm solution for at least 2 minutes. Prior to using equipment, immerse all surfaces in a 200 ppm available chlorine solution. Do not rinse and do not soak equipment overnight.

C. Spray/Fog Method

Preclean all surfaces after use. Prepare a 600 ppm available chlorine sanitizing solution of the required quantity and apply using spray or fogging equipment which can resist sodium hypochlorite solutions. Always empty and rinse spray/fog equipment with potable water after use. Thoroughly spray or fog all surfaces until wet, allowing excess sanitizer to drain. Vacate area for at least 2 hours. Prior to using equipment, rinse all surfaces with a 200 ppm available chlorine solution.

20. SANITIZATION OF NONPOROUS NON-FOOD CONTACT SURFACES

A. Rinse Method

Prepare a sanitizing solution to provide approximately 200 ppm available chlorine by weight. Clean equipment surfaces in the normal manner. Prior to use, rinse all surfaces thoroughly with the sanitizing solution, maintaining contact with the sanitizer for at least 2 minutes. Do not rinse equipment with water after treatment and do not soak equipment overnight.

B. Immersion Method

Prepare a sufficient quantity of sanitizing solution in an immersion tank, to provide approximately 200 ppm available chlorine by weight. Clean equipment in the normal manner. Prior to use, immerse equipment in the sanitizing solution for at least 2 minutes and allow the sanitizer to drain. Do not rinse equipment with water after treatment.

C. Spray/Fog Method

Preclean all surfaces after use. Prepare a 200 ppm available chlorine sanitizing solution of sufficient size and apply using spray or fogging equipment which can resist sodium hypochlorite solutions. Prior to using equipment, thoroughly spray or fog all surfaces until wet, allowing excess sanitizer to drain. Vacate area for at least 2 hours.

21. DISINFECTION OF NONPOROUS NON-FOOD CONTACT SURFACES

A. Rinse Method

Prepare a disinfecting solution to provide approximately 600 ppm available chlorine by weight. Clean equipment surfaces in the normal manner. Prior to use, rinse all surfaces thoroughly with the disinfecting solution, maintaining contact with the solution for at least 10 minutes. Do not rinse equipment with water after treatment and do not soak equipment overnight.

B. Immersion Method

Prepare a disinfecting solution in an immersion tank to provide approximately 600 ppm available chlorine by weight. Clean equipment in the normal manner. Prior to use, immerse equipment in the disinfecting solution for at least 10 minutes and allow the sanitizer to drain. Do not rinse equipment with water after treatment.

22. SANITIZATION OF POROUS NON-FOOD CONTACT SURFACES

A. Rinse Method

Prepare a sanitizing solution to provide approximately 600 ppm available chlorine by weight. Clean surfaces in the normal manner. Prior to use, rinse all surfaces thoroughly with the sanitizing solution, maintaining contact with the sanitizer for at least 2 minutes. Do not rinse equipment with water after treatment and do not soak equipment overnight.

B. Immersion Method

Prepare a sanitizing solution in an Immersion tank to provide approximately 600 ppm available chlorine by weight. Clean equipment in the normal manner. Prior to use immerse equipment in the sanitizing solution for at least 2 minutes and allow the sanitizer to drain. Do not rinse equipment with water after treatment.

C. Spray/Fog Method

After cleaning, sanitize non-food contact surfaces with 600 ppm available chlorine, using spray or fogging equipment which can resist sodium hypochlorite solutions. Always empty and rinse spray/fog equipment with potable water after use. Prior to using equipment, thoroughly spray or fog all surfaces until wet, allowing excess sanitizer to drain. Vacate area for at least 2 hours.

23. SEWAGE AND WASTEWATER EFFLUENT TREATMENT

The disinfection of sewage effluent must be evaluated by determining the total number of conform bacteria and/or fecal coliform bacteria, as determined by the Most Probable Number (MPN) procedure, to ensure that the chlorinated effluent has been reduced to or below the maximum permitted by the controlling regulatory jurisdiction.

On the average, satisfactory disinfection of secondary wastewater effluent can be obtained when the chlorine residual is 0.5 ppm after 15 minutes contact although the chlorine residual is the critical factor in disinfection, the importance of correlating chlorine residual with bacterial kill must be emphasized. The MPN of the effluent which is directly related to the water quality standards requirements, must be the final and primary standard and the chlorine residual must be considered an operating standard valid only to the extent verified by the coliform quality of the effluent.

The following are critical factors affecting wastewater disinfection:

1. *Mixing:* It is imperative that the product and the wastewater be instantaneously and completely flash mixed to assure reaction with every chemically active soluble and particulate component of the wastewater.
2. *Contacting:* Upon flash mixing, the flow through the system must be maintained.

- 3. *Dosage/Residual Control:* Successful disinfection is extremely dependent on response to fluctuating chlorine demand to maintain a predetermined, desirable chlorine level. Secondary effluent must contain 0.2 to 1.0 ppm chlorine residual after a 15 to 30 minute contact time. A reasonable average of residual chlorine is 0.5 ppm after 15 minutes contact time.

24. SEWAGE AND WASTEWATER TREATMENT

A. Effluent Slime Control

Apply a 100 to 1000 ppm available chlorine solution at a location which will allow complete mixing. Once control is evident, apply a 15 ppm available chlorine solution.

B. Filter Beds - Slime Control

Remove filter from service, drain to a depth of 1 ft. above filter sand, and add 100 oz. of 12.5% DIXICHLOR MAX (EPA reg # 813-15) per 20 sq./ft. evenly over the surface. Wait 30 minutes before draining water to a level that is even with the top of the filter. Wait for 4 to 6 hours before completely draining and backwashing filter.

25. SANITIZATION OF DIALYSIS MACHINES

Flush equipment thoroughly with water prior to using this product. Thoroughly mix 12.5% DIXICHLOR MAX (EPA reg # 813-15) with 10 gallons of water to obtain at least 600 ppm available chlorine. Immediately use this product in the hemodialysate system allowing for a minimum contact time of 15 minutes at 20°C. Drain the system of the sanitizing solution and thoroughly rinse with water. Discard and DO NOT reuse the spent sanitizer. Rinsate must be monitored with a suitable test kit to ensure that no available chlorine remains in the system.

This product is recommended for decontaminating single and multipatient hemodialysate systems. This product has been shown to be an effective disinfectant (virucide, fungicide, bactericide, pseudomonicide) when tested by AOAC and EPA test methods. This product may not totally eliminate all vegetative microorganisms in hemodialysate delivery systems due to the construction and/or assembly, but can be relied upon to reduce the number of microorganisms to acceptable levels when used as directed. This product must be used in a disinfectant program which includes bacteriological monitoring of the hemodialysate delivery system. This product is NOT for use in hemodialysate or reverse osmosis (RO) membranes.

Consult the guidelines for hemodialysate systems which are available from the Hepatitis Laboratories, CDC, Phoenix, AZ 85021.

26. SPAS, HOT-TUBS, IMMERSION TANKS, ETC.

A. Spas/Hot-Tubs

Using Chart or Formula, calculate and approximate an amount of 12.5% DIXICHLOR MAX (EPA reg # 813-15) per 1000 gallons of water to obtain a free available chlorine concentration of 5 ppm, as determined by a suitable chlorine test kit. Adjust and maintain pool water pH to between 7.2 and 7.8. Some oils, lotions, fragrances, cleansers, etc. may cause foaming or cloudy water as well as reduce the efficiency of the product. Do not re-enter spa until chlorine residual drops to 5 ppm due to risk of bodily harm.

MAINTAINING THE WATER: To maintain the water, apply 12.5% DIXICHLOR MAX (EPA reg # 813-15) solution over the surface to maintain a chlorine concentration of 5 ppm.

AFTER EACH USE: Shock treat to control odor and algae, using 12.5% DIXICHLOR MAX (EPA reg # 813-15) at a rate of 8 oz of 10% to 500 gallons of water.

PERIODS OF DISUSE: During periods of disuse, add 12.5% DIXICHLOR MAX (EPA reg # 813-15) daily to maintain a 3 ppm chlorine concentration.

B. Hubbard and Immersion Tanks

Before patient use, add 12.5% DIXICHLOR MAX (EPA reg # 813-15) to obtain a chlorine residual of 25 ppm, as determined by a suitable test kit. Adjust and maintain the water pH to between 7.2 and 7.6. After each use drain the tank. Add 5 ounces of 12.5% DIXICHLOR MAX (EPA reg # 813-15) to a bucket of water and circulate this

solution through the a... of the tank for 15 minutes and then rin... out the solution. Clean tank thoroughly and dry with clean cloths.

C. Hydrotherapy Tanks

Add 12.5% DIXICHLOR MAX (EPA reg # 813-15) to the water to obtain a chlorine residual of 1 ppm, as determined by a suitable chlorine test kit. Pool must not be entered until the chlorine residual is below 3 ppm. Adjust and maintain the water pH to between 7.2 and 7.6. Operate pool filter continuously. Drain pool weekly, and clean before refilling.

27. SWIMMING POOL WATER DISINFECTION

A. New Pool or Spring Start-Up

For a new pool or spring start-up, superchlorinate with 12.5% DIXICHLOR MAX (EPA reg # 813-15) to yield a 5 to 10 ppm available chlorine by weight. Check the level of available chlorine with a test kit. Adjust and maintain pool water pH to between 7.2 to 7.6. Adjust and maintain the alkalinity of the pool to achieve between 50 to 100 ppm of available chlorine. The adjust and maintain the alkalinity of the pool to achieve between 50 to 100 ppm of available chlorine in the water.

B. Maintaining the Pool

To maintain the pool, add manually or by a feeder device a sufficient quantity of 12.5% DIXICHLOR MAX (EPA reg # 813-15) to yield an available chlorine residual between 0.6 to 1.0 ppm by weight. Stabilized pools must maintain a residual of 1.0 to 1.5 ppm available chlorine. Test the pH, available chlorine residual, and alkalinity of the water frequently with appropriate test kits. Frequency of water treatment will depend upon temperature and number of swimmers.

C. Superchlorination

Every 7 (seven) days, or as necessary, superchlorinate the pool with 12.5% DIXICHLOR MAX (EPA reg # 813-15) to yield a 5 to 10 ppm available chlorine by weight. Check the level of available chlorine with a test kit. Do not reenter pool until the chlorine residual is between 1.0 to 3.0 ppm.

D. End of Swimming Pool Season

At the end of the swimming pool season or when the water is to be drained from the pool, chlorine must be allowed to dissipate from treated pool water before discharge. Do not chlorinate the pool within 24 hours prior to discharge.

E. Winterizing Pool

While water is still clear, and while filter system is in service, apply 12.5% DIXICHLOR MAX (EPA reg # 813-15) in quantities to obtain a 3 ppm available chlorine residual, as determined by a suitable test kit. Cover pool, prepare heater, filter and heater components for winter by following manufacturers' instructions.

F. Swimming Pool Disinfection Chart

Method	Ounce 12.5% DIXICHLOR MAX (EPA reg # 813-15) /10,000 Gallons Water
Start-Up	52-104
Maintenance	11
Superchlorination	52-104
Winterizing	30

28. ZEBRA MUSSEL CONTROL AGENT

Zebra mussels can detect chemical changes in their environment and "clamp shut" for a period of three weeks until those changes are no longer detected or they die through lack of respiration. Chemical treatment times and concentrations may vary because of the mussel's biological ability of detection; the extent of mussel contamination; and the design variations of systems. Using sodium hypochlorite in this manner may require revisions to existing federal, state, or local discharge permit(s) and/or the addition of dechlorination equipment.

A. Single Exposure

To control zebra mussels, add appropriate amount of 12.5% DIXICHLOR MAX (EPA reg # 813-15) to obtain a residual chlorine concentration of 10 to 20 ppm per 10,000 gallons of water in the system. For best results, treat during breeding season and/or at the end of season for at least 30 days. The release of zebra mussels for weeks after this method of treatment is not uncommon.

B. Semi Continuous Exposure

To control zebra mussels, add appropriate amount of 12.5% DIXICHLOR MAX (EPA reg # 813-15) for 15 - 30 minutes a day to obtain a residual chlorine concentration of 5 to 10 ppm per 10,000 gallons of water in the system. For best results, initiate treatment during breeding season (June to September).

C. Continuous Exposure

To control zebra mussels, add appropriate amount of 12.5% DIXICHLOR MAX (EPA reg # 813-15) through a continuous feed system to obtain a residual chlorine concentration of 5 to 10 ppm per 10,000 gallons of water in the system. For best results, apply during the breeding season (June to September).

D. Zebra Mussel Control Treatment Table

TREATMENT METHOD	Ounce 12.5% DIXICHLOR MAX (EPA reg # 813-15) /10,000 Gallons Water
Single Dosage	100 - 200
Semi-Continuous Dosage	52 - 104
Continuous Dosage	52 - 104

29. SANITIZING AGENT FOR DINNERWARE AND UTENSILS

This product can be used as a sanitizing rinse of PRE-CLEANED, hand washed or machine washed dinnerware and food utensils at restaurants, hotels, and resorts. A solution of 100 ppm available chlorine may be used if a chlorine test kit is available. Solutions containing an initial concentration of 100 ppm available chlorine must be tested and adjusted periodically to ensure that the available chlorine does not drop below 100 ppm. If no test kit is available, prepare a sanitizing solution to provide approximately 200 ppm available chlorine by weight. For hand dishwashing, exposure to solution must be at least 1 minute or as required by local or state health departments. For machine washing, exposure time must be at least 2 minutes or a contact time specified by governing sanitary code. Check with your Health Department as requirements vary.

12.5% DIXICHLOR MAX (EPA reg # 813-15) may be used as a bleaching and destaining agent in commercial dishwashing machines. Do not use this product as a final rinse on silver or silver plate as severe tarnishing will occur.

30. WATER FLOODS AND PRODUCED WATER

12.5% DIXICHLOR MAX (EPA reg # 813-15) should be added to water flood system at a point of uniform mixing.

INITIAL TREATMENT: When the system is noticeably contaminated, add 0.1 to 8.0 gallons of 12.5% DIXICHLOR MAX (EPA reg # 813-15) to the system per 1,000 gallons flood water (10 to 1,000 ppm chlorine). Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 0.1 to 8.0 gallons of 12.5% DIXICHLOR MAX (EPA reg # 813-15) to 1,000 gallons flood water (10 to 1,000 ppm chlorine) to the system weekly, or as needed to maintain control.

31. OIL FIELD APPLICATIONS

A. DRILLING, COMPLETION, FRAC FLUIDS AND WORKOVER FLUIDS

12.5% DIXICHLOR MAX (EPA reg # 813-15) antimicrobial should be added to a drilling fluid system at a point of uniform mixing such as the circulating mud tank.

Initial treatment: Add 0.1 to 8.0 gallons 12.5% DIXICHLOR MAX (EPA reg # 813-15) per 1,000

gallons of freshly prepared fluid (10 to 1,000 ppm chlorine) depending on the severity of contamination.

Maintenance Dosage: Maintain a concentration of 12.5% DIXICHLOR MAX (EPA reg # 813-15) by adding 0.1 to 8.0 gallons of Dixichlor per 1,000 gallons of additional fluid (10 to 1,000 ppm chlorine), or as needed, depending on the severity of contamination.

B. PACKER FLUIDS

12.5% DIXICHLOR MAX (EPA reg # 813-15) should be added to a packer fluid at a point of uniform mixing such as a circulating holding tank. Add 0.1 to 8.0 gallons 12.5% DIXICHLOR MAX (EPA reg # 813-15) per 1,000 gallons of freshly prepared fluid (10 to 1,000 ppm chlorine) depending on the severity of contamination. Seal the treated packer fluid in the wall between the casing and production tube.

C. HYDROTESTING

Water used to hydrotest pipelines or vessels should contain 0.1 to 8.0 gallons 12.5% DIXICHLOR MAX (EPA reg # 813-15) per 1,000 gallons of freshly prepared fluid (10 to 1,000 ppm chlorine) depending on water quality and length of time the equipment will remain idle.

D. PIPELINE PIGGING AND SCRAPING OPERATIONS

Add 12.5% DIXICHLOR MAX (EPA reg # 813-15) to a slug of water immediately following the scraper (ideally this water volume can be kept to a minimum and contained between the scraper and a trailing pig). Sufficient 12.5% DIXICHLOR MAX (EPA reg # 813-15) should be added to produce a concentration of 0.20 to 20 gallons 12.5% DIXICHLOR MAX (EPA reg # 813-15) per 100 gallons of water (250 to 25,500 ppm chlorine), depending on the length of pipeline and severity of biofouling.

32. STORAGE AND DISPOSAL:

Do not contaminate water, food or feed by storage and disposal.

PESTICIDE STORAGE: Store in a cool, dry area away from direct sunlight. In case of spill, flood area with large quantities of water. Keep this product in tightly closed container when not in use. Product or rinsates that cannot be used must be diluted with water before disposal in a sanitary sewer.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to the instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste Representative at the EPA regional Office for guidance.

CONTAINER HANDLING AND DISPOSAL:

FOR REFILLABLE CONTAINER

Refill this container with sodium hypochlorite only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

CONTAINER CLEANING - Triple rinse empty container (or equivalent) promptly after emptying. Triple rise as follows: Empty the remaining contents into application equipment or mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on side and roll back and forth, ensuring at least one complete revolution, for 30 seconds. Stand container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two or more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Product or rinseate that cannot be used must be diluted with water and disposed of in a sanitary sewer. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

FOR NON-REFILLABLE CONTAINERS

Do not reuse or refill this container.

CONTAINER CLEANING- Triple rinse empty container (or equivalent) promptly after emptying. Triple rise as follows: Empty the remaining contents into application equipment or mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on side and roll back and forth, ensuring at least one complete

revolution, for 30 seconds. Stand container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two or more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Product or rinsate that cannot be used must be diluted with water and disposed of in a sanitary sewer. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

(For containers small enough to shake. With capacities equal to or less than 5 gallons) Triple rinse as follows: Empty the remaining contents into application equipment or mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two or more times.



NET CONTENTS:

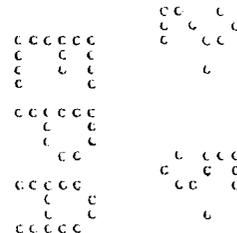
- 15 GALLONS
- 30 GALLONS
- 50 GALLONS
- 54 GALLONS
- 300 GALLONS

_____ BULK GALLONS

EPA REG NO. 813-15 Appropriate EPA establishment marked below		
		EPA EST. NO
ALBQ	<input type="checkbox"/>	000813-NM-001
CLEB	<input type="checkbox"/>	000813-TX-004
HOU	<input type="checkbox"/>	000813-TX-001
HUD	<input type="checkbox"/>	000813-CO-001
OMAHA	<input type="checkbox"/>	000813-NE-001
ROSE	<input type="checkbox"/>	000813-MN-001
SWEET	<input type="checkbox"/>	000813-TX-003

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DANGER
THIS CONTAINER HAZARDOUS
WHEN EMPTIED. Since emptied
container retains product
residues (vapor or liquid),
all labeled hazard
precautions must
be observed.



HMIS	
HEALTH	2
FLAMMABILITY	0
REACTIVITY	1

SPECIAL PROTECTION

DEGREE OF HAZARD
 4 = EXTREME
 3 = HIGH
 2 = MODERATE
 1 = SLIGHT
 0 = INSIGNIFICANT

HYPOCHLORITE
SOLUTION
UN 1791

**Corrosive
Material**